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AUTOMATED KEYBOARD MOUSE SWITCH

ABSTRACT OF THE DISCLOSURE

A single set of input devices (keyboard, mouse, etc.) is employed with a plurality of data processing systems each having a separate display. The logical display areas for the displays are arranged in a contiguous array to have common boundaries, with an edge (e.g., a right boundary or a lower boundary) of one logical display area coinciding with an edge of another logical display area (e.g., a left boundary or an upper boundary). When a cursor controlled by a pointing device is moved past a logical display area boundary which the current active data processing system shares in common with another data processing system, the active data processing system to which input device signals are transmitted is automatically switched to the other data processing system. No manual switching or hot-key sequence by the user is required, and the active data processing system may be automatically switch among any of a number of data processing systems simply by moving the cursor across logical display area boundaries between the data processing systems.

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